Index of Claims

| Application | /Control No. |
|--------------------|--------------|
|--------------------|--------------|

10/083,800

Examiner John Ricci

Date

Applicant(s)/Patent under Reexamination

HATCHER, FOREST A.

Art Unit

3711

Rejected Allowed

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeai |
|---|----------|
| 0 | Objected |

| Cla | aim | L | | | | Dat | e | , | | | | CI | aim |
|----------|------------------|-----------------|----------|----------|--------------|--------------|----------|--------------|---------------|----------|-----|--------------|--|
| Final | Original | 33 33 | | | | | | | | | | Final | Original |
| | 1 | | | | ✝ | ┢ | 1 | | \vdash | 1 | | | 51 52 53 54 55 |
| | 2 | \equiv | | Г | | | | | Г | | 1 | | 52 |
| | 3 | | | | | | | | | | | | 53 |
| | 2 3 4 5 | | | | | | | | | |] | | 54 |
| | | V | | | L | | | | | | | | 55 |
| | 6 | _ | | L | | L | L | L | | | | | 56 |
| | 7 | V | | L | L | ļ | <u> </u> | L | _ | <u> </u> | 1 | L | 566 577 588 599 600 611 622 633 644 655 666 677 71 72 73 74 75 76 77 78 80 |
| | 8 9 | 1 | _ | <u> </u> | L | Ļ | <u> </u> | | <u> </u> | <u> </u> | ١., | | 58 |
| | 9 | _ | <u> </u> | L | ┞ | <u> </u> | <u> </u> | | _ | L | | <u> </u> | 59 |
| | 10 | _ | <u> </u> | ⊢ | ┡ | <u> </u> | _ | <u> </u> | ├_ | <u> </u> | | <u> </u> | 60 |
| | 11 12 13 | ├- | <u> </u> | ├ | ├- | ├ | ├ | ⊢ | ├ | ⊢ | | | 61 |
| | 12 | - | _ | ┡ | ┡ | _ | ├- | | 1 | ļ | Į | <u> </u> | 62 |
| | 13 | L | <u> </u> | <u> </u> | ! | ⊢ | <u> </u> | _ | L | ⊢ | l | <u> </u> | 63 |
| | 14 15 | ├- | <u> </u> | - | ┡ | _ | ┡ | | <u> </u> | <u> </u> | | | 64 |
| | 15 | - | | <u> </u> | ┞ | | ┡ | | <u> </u> | - | | | 65 |
| | 16 | | | ⊢ | - | - | ├ | | ├- | ⊢ | | | 66 |
| | 17 18 19 | \vdash | | <u> </u> | - | ⊢ | ļ | <u> </u> | ┢ | ⊢ | | | 67 |
| | 18 | ⊢ | <u> </u> | ├ | - | ⊢ | \vdash | ⊢ | ┝ | <u> </u> | | | 68 |
| | 19 | - | _ | - | ├- | ⊢ | ⊢ | - | ├- | ⊢ | ļ | | 69 |
| | 20 21 | - | | | - | ⊢ | ⊢ | <u> </u> | ├ | | | <u> </u> | 140 |
| | 21 | _ | | <u> </u> | - | _ | _ | <u> </u> | ┝ | _ | | <u> </u> | 1/1 |
| | 22 | _ | _ | <u> </u> | ⊢ | ├ | | <u> </u> | - | _ | | | 72 |
| | 22 23 24 | _ | _ | L | - | ⊢ | _ | _ | - | _ | , 5 | ļ | 73 |
| | 24 | Ш | | ļ | Ŀ | L | <u> </u> | <u> </u> | ⊢ | <u> </u> | | | 74 |
| | 25 | Ш | | <u> </u> | ├- | <u> </u> | L | ⊢ | — | _ | | <u> </u> | 1/5 |
| | 25 26 27 | Н | | <u> </u> | ⊢ | l- | _ | L | | ļ | . • | <u> </u> | 76 |
| | 27 | - | | ┝ | <u> </u> | ├ | <u> </u> | _ | <u> </u> | <u> </u> | | | 77 |
| | 28 29 | H | _ | ⊢ | - | <u> </u> | ⊢ | _ | - | <u> </u> | | | 78 |
| | 29 | Ш | | <u> </u> | ⊢ | ┞ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 79 |
| | 30 | Н | | | <u> </u> | _ | <u> </u> | _ | | <u> </u> | - 0 | | 80 |
| | 31 32 | Н | | <u> </u> | ├- | | Ŀ | _ | <u> </u> | <u> </u> | | <u> </u> | 81 82 |
| | | Н | | - | | \vdash | <u> </u> | <u> </u> | _ | ┝ | | <u> </u> | 82 |
| | 33 | - | | \vdash | | <u> </u> | <u> </u> | - | ⊢ | - | | | 83 |
| | 34 35 | | | | <u> </u> | ┝ | | <u> </u> | ⊢ | <u> </u> | • | | 84 85 |
| | | \vdash | | ⊢ | _ | - | - | | ├ | _ | | | 85 |
| | 36 37 | Н | | <u> </u> | \vdash | - | \vdash | - | - | ┝ | | <u> </u> | 86 87 |
| | 37 | - | | _ | - | | ⊢ | _ | | H | 7." | | 87 |
| - | 38 | Н | _ | _ | - | - | - | _ | ┝ | - | : | <u> </u> | 88 89 90 |
| | 39 40 | Н | _ | | ├ | <u> </u> | ⊢ | _ | - | \vdash | Ċ | | 89 |
| | 41. | Н | | - | ┝ | ⊢ | ⊢ | ⊢ | ⊢ | | | <u> </u> | 90 |
| \dashv | 41. | H | _ | ⊢ | | ├ | ├ | \vdash | - | _ | | | 91 |
| - | | - | _ | | ┝ | ⊢ | ├ | ┝ | ⊢ | H | | <u> </u> | 92 |
| | 43 44 | H | _ | - | ⊢ | - | \vdash | ├ | ⊢ | \vdash | | <u> </u> | 93 94 |
| | 45 | \vdash | - | ⊢ | ├ | \vdash | \vdash | - | | \vdash | - | | 95 |
| \dashv | 46 | H | _ | \vdash | \vdash | - | \vdash | - | - | \vdash | | | 96 |
| - | 47 | \vdash | - | \vdash | \vdash | \vdash | \vdash | \vdash | | H | | | 97 |
| | 48 | Н | | - | - | | - | | | \vdash | 8- | | 98 |
| | 49 | \vdash | \dashv | | | | - | H | \vdash | | | - | 99 |
| | 50 | $\vdash \vdash$ | - | | H | - | H | - | - | Н | | | 100 |
| . 1 | JU | | | | | | | | | | | 1 | 100 |

| | | - | ⊢ | | _ | | 730 | ~ - | _ | | | 4 |
|---|----------|----------------|----------|---|---|-------------------------------------|----------------|---------------------|----------|--------------|----------|---|
| | Final | Original | | | | | | | | | | |
| | | 51 | | | | | | | | | | |
| 1 | | 51 52 | Π | Γ | | | Г | Π | | Γ | Π | 1 |
| - | | 53 | | П | Π | | | | | | Γ | 1 |
| | | 53 54 55 | | Γ | T | | 1 | П | | 1 | T | 1 |
| - | | 55 | | | Π | Π | Г | Г | | | Γ | 1 |
| - | | 56 | | | Π | Γ | Π | Г | Γ | | Π | 1 |
| ١ | | 56 57 58 | | 1 | 1 | Ι | 1 | 1 | | Г | Π | |
| | | 58 | Г | | | \Box | | Т | | | Π | Ì |
| ; | | 59 60 | Г | | Π | | Γ | | | | Γ | 1 |
| ٠ | | 60 | | Ī | | | | | Γ | Π | Г | 1 |
| | | 61 | Γ | Π | Π | Γ | Γ | Ι | | | | 1 |
| 1 | | 62 | Γ | Γ | Π | | | Г | Γ | | | 1 |
| 1 | | 62 63 | [| Γ | Γ | Γ | Γ | Γ | Γ | Γ | Γ | 1 |
| 4 | | 64 | | Γ | Π | | | | | | | 1 |
| 1 | | 65 66 | | Π | Γ | Γ | Γ | Γ | | | | 1 |
| 1 | | 66 | | \Box | \Box | Г | | Γ | | | Γ | 1 |
| 1 | | 67 68 | | | | | | | | | | J |
| 1 | | 68 | | \Box | | | | | | | | 1 |
| Ī | | 69 | | | | | | | | | | 1 |
| 1 | | 70 71 | | \Box | \Box | \Box | \Box | \Box | | Ŀ | \Box | J |
| - | | 71 | | | | | \Box | \Box | | | | 1 |
| 1 | | 72 | | | | | | | | | | J |
| | | 73 | | 匚 | | | | | | | | 1 |
| | | 73 74 | | \Box | | \Box | | Г | | | | J |
| Ī | | 75 | | | | | | | | | | 1 |
| | | 76 77 | Ĺ | Ĺ | \Box | \Box | \Box | | | | | J |
| ſ | | 77 | Ĺ | Ľ | 匚 | Ĺ | Ľ | Ĺ | Ľ | | | J |
| | | 78 79 | Ĺ | Ĺ | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | \Box | oxdot | \sqsubseteq | Ĺ | Ĺ | L | l |
| | | 79 | Ĺ | oxdot | oxdot | Ĺ | \perp | | Ĺ | Ĺ | Ĺ | J |
| | | 80 | Ĺ | oxdot | سَـــــــــــــــــــــــــــــــــــــ | Ĺ | \perp | سَّ | | Ĺ | Ľ | ļ |
| | | 81 82 83 | Ĺ | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | \Box | Ĺ | \vdash | oxdot | Ĺ | | Ĺ | 1 |
| |] | 82 | Ĺ | <u> </u> | لـــا | Ĺ | <u> </u> | ــــا | oxdot | | Ĺ | 1 |
| | | 83 | <u></u> | | | <u> </u> | <u> </u> | $ldsymbol{\square}$ | Ľ | | Ĺ | ļ |
| ĺ | | 84 | _ | <u> </u> | | Ĺ. | \vdash | \Box | L | | Ĺ | ١ |
| ļ | | 85 | _ | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | \vdash | | | <u> </u> | ļ |
| ļ | | 86 | <u> </u> | <u> </u> | | <u> </u> | _ | \sqcup | Щ | | L | ļ |
| 1 | | 87 | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | $oxed{oxed}$ | <u> </u> | ļ |
| | | 88 | <u> </u> | <u> </u> | Щ | <u> </u> | ₩ | \vdash | L | _ | <u> </u> | |
| - | | 89 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | _ | _ | <u> </u> | |
| 1 | | 90 | <u> </u> | \vdash | \vdash | <u> </u> | H | <u> </u> | _ | \vdash | <u> </u> | - |
| 1 | | 91 | | | Щ | <u> </u> | <u> </u> | \vdash | <u> </u> | Щ | <u> </u> | ١ |
| ŀ | \dashv | 92 93 | _ | <u> </u> | \vdash | \vdash | | Щ | - | Щ | <u> </u> | ١ |
| ŀ | \dashv | 93 | - | \vdash | \vdash | <u> </u> | | <u> </u> | _ | | _ | 1 |
| 1 | | 94 95 | | \vdash | \vdash | - | - | | _ | Щ | - | 1 |
| 1 | | 96 | _ | \vdash | \vdash | - | | Н | - | 4 | - | 1 |
| ŀ | | 96 | _ | \vdash | Н | | \vdash | $\vdash\vdash$ | _ | Щ | _ | ۱ |
| ŀ | | 98 | | H | \vdash | - | - | Н | \dashv | Щ | _ | ۱ |
| ŀ | - | 98 | | \vdash | \vdash | H | \vdash | | Н | Щ | _ | l |
| ŀ | | 100 | | - | Н | H | H | Н | - | 4 | | l |
| L | | IUU | | L | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | | | | | ۱ |

| Cla | Date | | | | | | | | | | |
|-------|--|---|----------|----------|--|----------|--|----------|---|---|--|
| | | | | П | Γ | | | | | | |
| ਰ | Original | | | 1 | | | | | | | |
| Final | ij | | l | | | | | | | | |
| | | | | 1 | | | | | | | |
| | 101 | | \vdash | | | <u> </u> | | <u> </u> | | П | |
| | 102 | | \vdash | Т | _ | \vdash | ┪ | \vdash | Г | | |
| | 101 102 103 | | | | | - | _ | - | _ | | |
| | 104 | | ┢ | T | | \vdash | _ | _ | _ | | |
| | 104 105 | | | \vdash | Г | 一 | | _ | | | |
| | 106 | _ | | | · | <u> </u> | | _ | | П | |
| | 107 | | | Г | Г | T | 1 | | | П | |
| | 108 | | | | | | | Г | | П | |
| | 108 109 | | - | | | T | Г | | _ | П | |
| | 110 | | | _ | | Г | | | | П | |
| | 111 | | | | | Г | | | Г | | |
| | 112 | Г | | | | | | | | П | |
| ļ | 113 | | Г | Т | Г | | | Г | | П | |
| | 114 | | \Box | Г | \vdash | П | | | Г | П | |
| | 115 | | | Γ | Г | Г | <u> </u> | <u> </u> | | М | |
| | 116 | | | Г | | | | | | П | |
| | 117 | | | | | | | | | П | |
| | 118 | | | | | | | | | | |
| | 119 120 | | | | | | | | | П | |
| | 120 | | | | | Г | | | | | |
| | 121 | | | | | | | | | | |
| | 122 | | | | | | | | | | |
| | 123 | | | | Г | Г | | | | | |
| | 122 123 124 125 126 127 128 129 | | | | | | | | | | |
| | 125 | | | | | | | | | | |
| | 126 | | | | Г | | | | | | |
| | 127 | | | | | | | | | | |
| | 128 | | | | | | | | | | |
| | 129 | | | | | | | | | | |
| | 130 131 132 | | | | | Γ | | | | | |
| | 131 | | | | | | | | | | |
| | 132 | | | | | | | | | | |
| | 133 | | | | | | | | | | |
| | 133 134 | | | | | | | | | | |
| | 135 | | | | | | | | | | |
| | 136 137 | | | | | | | | | | |
| | 137 | | | | | | | | | | |
| | 138 139 | | | | | | | | | | |
| | 139 | | | | | | | | | | |
| | 140 | | | | | | | | | | |
| | 141 | | | آسا | | لَـــا | | | | | |
| | 142 | | | | | | | | | | |
| | 143 | | | Ш | | | | | | | |
| | 144 | | | | | | | | | | |
| | 145 | | | | | | | | | | |
| | 146 | | | Ш | | | | | | Ш | |
|] | 147 |] | | | | | | | | | |
| | 148 | | | | | | | | | | |
| T | 149 | | | | | | | | | | |
| | 150 | | | | | | | | | | |